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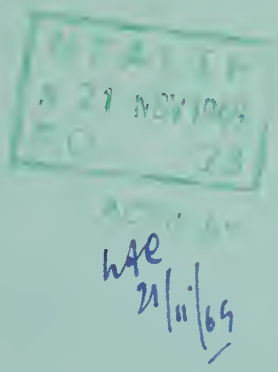
LLWCHWR
URBAN DISTRICT COUNCIL



ANNUAL REPORT

for the year

1968

G. E. DONOVAN, M.D., M.SC., D.P.H.
MEDICAL OFFICER OF HEALTH

LLWCHWR URBAN DISTRICT COUNCIL.

Chairman	-	Councillor D.L. DAVIES
Vice - Chairman	-	Councillor PHILIP DAVIES

Councillors:

VERNON DAVIES	D.R. JAMES
MORLAIS THOMAS	B.G. LEWIS
LESLIE HIGGON	JOSEPH JONES
R.P. FREEMAN	B.C. WILLIAMS
C.B. JONES	H.G. WILLIAMS
BRIAN D. QUICK	T.S. EDWARDS
D.H. THOMAS	T.R. LLOYD
WILFRED HILL	D.M. HARRY
HARRY THOMAS	ESAIAH MILES
N.L. WILLIAMS	C.W. MORGAN
J.F. DAVIES	A.J.C. LEWIS

Public Health Committee:

Chairman	Councillor D.R. JAMES
Vice - Chairman	Councillor T.R. LLOYD

Chairman and 11 Members of the Council.

PUBLIC HEALTH OFFICERS

Medical Officer of Health:

G.E. DONOVAN, M.D., M.Sc., D.P.H.,

Public Health Inspectors:

Chief Public Health Inspector	-	D. DENNIS THOMAS, C.R.S.I., M.A.P.H.I.,
Deputy Chief Public Health Inspector	-	W.G. THOMAS, C.R.S.H., Meat Cert: M.R.S.H.,
Deputy Public Health Inspector (January - July)	-	R.J. MOORE, Meat Cert: R.S.H., Smoke Dip., R.S.H., M.A.P.H.I., M.R.S.H.,
Additional Public Health Inspector	-	JEFFREY SPENCER MORGAN, M.A.P.H.I., M.R.S.H., A.R.C.A.T.S.,
Additional Public Health Inspector	-	GARETH ROBERT DAVIES, M.A.P.H.I., M.R.S.H., A.R.C.A.T.S.,
Pupil Public Health Inspector	-	D.C. SILVESTER.

Clerks:

C.A. POWELL

G.M. ROBERTS

LLWCHWR URBAN DISTRICT COUNCIL

Public Health Department,
Council Offices,
West Street,
GORSEINON.

To the Chairman and Members of the
LLWCHWR URBAN DISTRICT COUNCIL.

Lady & Gentlemen,

I have pleasure in presenting my Annual Report for the year 1968. This is my 28th Annual Report, as I was appointed Medical Officer of Health in 1940.

I thank the staff of the Llwchwr Public Health Department for their loyalty and the Public Health Department of the Glamorgan County Council for their co-operation.

Yours faithfully,

G.E. DONOVAN,

Medical Officer of Health.

SUMMARY OF VITAL AND MORTAL STATISTICS FOR THE YEAR 1968

SUMMARY OF VITAL AND MORTAL STATISTICS FOR THE YEAR 1968

Area of Urban District		17,815 acres.
Llandeilo-Talybont	7,556 acres	
Gowerton	2,538 "	
Llangyfelach	6,474 "	
Loughor	1,247 "	
Population (1961 Census)		24,903.
Population (Registrar General's Estimated mid-year 1968)		26,080.
No. of dwellinghouses inhabited at end of 1968		8,560.
Rateable Value of District		£968,078.
Product of Penny Rate		£ 3,830.

Deaths:	Male 171.	Female 150.	Total	321.
Rate per 1,000 population - Crude Rate 12.3			Adjusted	13.5
Deaths (65 and over)	Male 57.	Female 43.	Total	100.
Live Births:	Male 211.	Female 197.	Total	408.
Rate per 1,000 population - Crude Rate 15.6			Adjusted	16.7
Illegitimate Live births:	Male 9.	Female 9.	Total	18.
Still births:	Male 2.	Female 10.	Total	12.
Illegitimate still births:-	Male 0.	Female 1.	Total	1.
Total live and still births:	Male 213.	Female 207.	Total	420.
Infant deaths (deaths under one year):	Male 3.	Female 4.	Total	7.
Illegitimate Infant deaths (under one year):	Male Nil.	Female Nil.	Total	Nil.

Infant Mortality Rate - 17 per thousand live births.

The Public Library at Gorseinon still continues to be well patronised by the public. This library is administered by the Glamorgan County Council. There is a Mobile Library which traverses certain parts of the area, viz.-

Rota - Every Two Weeks.

Monday of First Week:

Grovesend	9.45 a.m.	-	10.30 a.m.	Side of Bakery, Station Road.
Glynhir	11.00 a.m.	-	11.30 a.m.	The Square.
Garnswllt	12.15 p.m.	-	12.30 p.m.	The Square.
	12.40 p.m.	-	1.00 p.m.	Danybryn.
	1.10 p.m.	-	1.40 p.m.	Carthan Terrace.
Pontlliw	3.30 p.m.	-	4.00 p.m.	Corner of Road to School.
	4.10 p.m.	-	4.40 p.m.	Swansea Road
Penllergaer	5.00 p.m.	-	5.30 p.m.	Council House.

Tuesday of First Week:

Felindre	2.40 p.m.	-	3.10 p.m.	School.
Penybryn	3.15 p.m.	-	3.30 p.m.	Fox and Hounds.
Llangyfelach	3.40 p.m.	-	4.30 p.m.	The Church.
Penllergaer	4.40 p.m.	-	5.10 p.m.	The Green below Roundabout.

Monday of Second Week:

Gowerton	9.45 a.m.	-	11.00 a.m.	Mount Street.
	11.15 a.m.	-	12.30 a.m.	Park Road, Bevan's Stores.

Tuesday of Second Week:

Dunvant	3.50 p.m.	-	4.25 p.m.	Ebenezer Chapel.

BIRTHS.

The birth and death-rates shown in this report for the Llwchwr area for the year 1968 are those after adjustment. The census of population of 1961 is given as 24,903.

The number of live births registered in the district in 1968 was 408 of which 211 were male and 197 female, representing a birth-rate of 16.7 per thousand of the population. In 1967 the net total births amounted to 392, with a birth-rate of 16.4 per thousand of the population; thus this year there is an increase of 16 births.

The still births numbered 12, that is 2 male and 10 female, which is equivalent to a rate of 21.5 per thousand total live (and still) births, as compared with 18.0 for the year 1967.

Nine male and 9 female illegitimate children were registered, a proportion of 44.11 per thousand registered live births. The rate for 1967 was 38.26.

Birth-rate: The birth-rate for the Llwchwr area is 16.7 and shows an increase of 16 compared with last year; whilst that for the Administrative County is 17.0.

DEATHS.

The net total deaths after allowing for inward and outward transfers amounted to 321, of which 171 were males and 150 females. This gives a death rate of 13.5 per thousand of the population as compared with 301 deaths, and a death rate of 11.8 per thousand of the population in 1967.

The following Table gives the Infantile Mortality rates for England and Wales, and various other countries for the years 1967/68 and also the Llwchwr area in comparison -

Country.	1964	1965	1966	1967	1968
LLWCHWR URBAN	24	19	20	13	17
England & Wales	21	20	21	20	19
Wales	22	21	20	21	17
Scotland	24	25	25	23	23
Irish Republic	27	27	24	25	20
Denmark	*	*	18	*	*
France	23	*	21	21	*
Italy	36	*	*	23	*
Netherlands	15	16	13	12	13
New Zealand	19	15	17	17	19
U.S.A.	27	*	23	22	21

* Not Available

I give below the Infant Mortality Rates recorded for the Llwchwr area for the past ten years.

Deaths.		Rate.
1959	21.98	per thousand live births.
1960	43.48	-do-
1961	18.97	-do-
1962	13.62	-do-
1963	43.10	-do-
1964	24.63	-do-
1965	19.46	-do-
1966	20.15	-do-
1967	13.00	-do-
1968	17.2	-do-

There were no deaths from Gastritis, Enteritis and Diarrhoea.

6 deaths were due to Pneumonia, 1 due to Asthma, 10 due to Bronchitis, 4 from other diseases of the respiratory system, which gives a total of 21 deaths from all forms of respiratory diseases apart from Tuberculosis, giving a death rate of .80 per thousand of the population.

4 deaths were registered from Tuberculosis of the Respiratory System.

Cancer and other forms of malignant diseases caused 66 deaths, which is equivalent to a rate of 2.10 per thousand of the population.

The causes of deaths during the year are as follows:-

1.	Tuberculosis of Respiratory System	4.
2.	Other tuberculosis, including late effects.	2.
3.	Malignant Neoplasm - Stomach	13.
4.	Malignant Neoplasm - Lung, Bronchus	19.
5.	Malignant Neoplasm - Breast	9.
6.	Malignant Neoplasm - Uterus	2.
7.	Leukaemia	1.
8.	Other Malignant Neoplasms, etc.	21.
9.	Benign and Unspecified Neoplasms	1.
10.	Diabetes Mellitus	2.
11.	Mental Disorders	1.
12.	Other Diseases of Nervous System, etc.	4.
13.	Chronic Rheumatic Heart Disease	5.
14.	Hypertensive Disease	15.
15.	Ischaemic Heart Disease	85.
16.	Other forms of heart disease	19.
17.	Cerebrovascular Disease	44.
18.	Other diseases of Circulatory System	15.
19.	Influenza	2.
20.	Pneumonia	6.
21.	Bronchitis and Emphysema	10.
22.	Asthma	1.
23.	Other diseases of respiratory system	4.
24.	Intestinal obstruction and hernia	3.
25.	Other diseases of digestive system	4.
26.	Nephritis and Nephrosis	1.
27.	Hyperplasia of Prostate	2.
28.	Other diseases, Genito-Urinary system	1.
29.	Diseases of Skin, Subcutaneous Tissue	1.
30.	Diseases of Musculo-Skeletal System	1.
31.	Congenital Anomalies	4.
32.	Birth Injury, Difficult labour, etc.	2.
33.	Other causes of perinatal mortality	2.
34.	Symptoms and ill-defined conditions	4.
35.	Motor Vehicle Accidents	5.
36.	All other Accidents	4.
37.	Suicide and Self-Inflicted Injuries	1.
38.	All other external causes	1.
		321.

CIRCULATORY DISEASES

In 1966, the number of deaths from circulatory diseases were 136; in 1967 they were 173 and now in 1968, they are 183.

This means that over half the total number of deaths is due to circulatory diseases. This is the greatest public health problem, and in my opinion, very little is being done to combat it. Intensive research, followed by proper regimen of dieting and proper exercise, living habits, decrease in the consumption of tobacco and alcohol would help to change these morbid statistics.

GLAMORGAN ADMINISTRATIVE COUNTY VITAL STATISTICS 1968.

		Estimated population 1968	Live Births			Ratio of Local adjusted rate to national rate	Deaths			Ratio of local adj. Death rate to Nat.rate
			No. of Live Births	Rate per 1,000 Population			No. of Deaths	Rate per 1,000 Population		
				Crude	Adjusted			Crude	Adjusted	
England and Wales		48,593,000	822,000	16.9			577,000	11.9		
Administrative County		742,920	12,225	16.5	17.0	1.01	9,285	12.5	14.3	1.20
Urban Districts		524,650	8,215	15.7	16.2	0.96	6,723	12.3	14.6	1.23
Rural Districts		218,270	4,010	18.4	18.8	1.11	2,562	10.0	13.6	1.14
Health Division	Constituent Districts									
Aberdare and	Aberdare Urban	38,560	679	17.6	19.2	1.14	586	15.2	15.2	1.28
Mountain Ash	Mountain Ash Urban	28,150	442	15.7	15.7	0.93	369	13.1	15.9	1.33
Caerphilly and	Caerphilly Urban	39,130	774	19.8	19.4	1.15	452	11.6	14.4	1.21
Gelligaer	Gelligaer Urban	34,640	616	17.8	17.8	1.05	409	11.8	15.3	1.29
Mid Glamorgan	Bridgend Urban	15,190	188	12.4	12.8	0.76	156	10.3	11.1	0.93
	Maesteg Urban	21,280	340	16.0	16.6	0.98	268	12.6	15.5	1.30
	Ogmore & Garw Urban	20,390	327	16.0	16.5	0.98	262	12.8	15.6	1.31
	Porthcawl Urban	13,120	206	15.7	18.5	1.10	177	13.5	10.8	0.91
	Penybont Rural	49,310	1,052	21.3	20.4	1.21	607	12.3	11.7	0.98
Neath and	Neath M.B.	29,910	386	12.9	13.4	0.79	390	13.0	13.9	1.17
District	Neath Rural	40,960	652	15.9	16.5	0.98	519	12.7	15.4	1.29
Pontypridd and	Llantrisant Rural	31,800	742	23.3	24.0	1.42	352	11.1	15.3	1.29
Llantrisant	Pontypridd Urban	35,060	547	15.6	15.9	0.94	470	13.4	13.9	1.17
Port Talbot and	Glyncorrwg Urban	9,480	185	19.5	18.9	1.12	104	11.0	16.2	1.36
Glyncorrwg	Port Talbot M.B.	51,310	756	14.7	14.6	0.86	557	10.9	14.8	1.25
South East	Barry M.B.	42,450	636	15.0	15.5	0.91	462	10.9	12.0	1.01
Glamorgan	Cardiff Rural	28,030	536	19.1	17.6	1.04	338	12.1	13.3	1.12
	Cowbridge M.B.	1,250	35	25.9	25.6	1.52	11	8.1	8.4	0.71
	Cowbridge Rural	22,530	363	16.1	18.4	1.09	167	7.4	13.0	1.09
	Penarth Urban	22,960	370	16.1	17.4	1.03	325	14.2	13.4	1.12
West Glamorgan	Gower Rural	15,960	256	16.0	16.8	0.99	171	10.7	12.0	1.01
	Llwchwr Urban	26,080	408	15.6	16.7	0.99	321	12.3	13.5	1.14
	Pontardawe Rural	29,680	409	13.8	15.6	13.8	408	13.7	14.3	1.20
Rhondda M.B.		95,590	1,320	13.8	14.2	0.84	1,404	14.7	16.8	1.41

P.T.O.

		INFANT MORTALITY		PERINATAL MORTALITY		STILLBIRTHS	
		Deaths under one year	Rate per 1000 live Births	Still births and deaths under one week	Rate per 1000 live and still births	No. of still births	Still births rate per 1000 total births
England and Wales			18		25		14
Administrative County		254	21	372	30	212	17
Urban Districts		185	23	270	32	151	18
Rural Districts		69	17	102	25	61	15
Health Division	Constituent Districts						
Aberdare and	Aberdare Urban	19	28	19	28	6	9
Mountain Ash	Mountain Ash Urban	9	20	20	44	13	29
Caerphilly and	Caerphilly Urban	22	28	27	34	13	17
Gelligaer	Gelligaer Urban	12	19	12	19	6	10
Mid Glamorgan	Bridgend Urban	3	16	8	41	5	26
	Maesteg Urban	4	12	10	29	8	23
	Ogmore and Garw Urban	7	21	12	36	6	18
	Porthcawl Urban	4	19	3	14	1	5
	Penybont Rural	21	20	32	30	18	17
Neath and	Neath M.B.	10	26	14	36	8	20
District	Neath Rural	16	25	17	26	8	12
Pontypridd and	Llantrisant Rural	12	16	18	24	12	16
Llantrisant	Pontypridd Urban	12	22	16	29	6	11
Port Talbot and	Glyncorrwg Urban	9	49	10	52	6	31
Glyncorrwg	Port Talbot M.B.	17	22	27	35	15	19
South East	Barry M.B.	6	9	13	20	12	19
Glamorgan	Cardiff Rural	8	15	9	17	5	9
	Cowbridge M.B.	-	-	1	28	1	28
	Cowbridge Rural	5	14	9	24	7	19
	Penarth Urban	5	14	12	32	9	24
West Glamorgan	Gower Rural	2	8	4	16	2	8
	Llwchwr Urban	7	17	16	38	12	29
	Pontardawe Rural	5	12	13	31	9	22
Rhondda M.B.		39	30	50	37	24	18

REGISTRAR OF BIRTHS AND DEATHS.

HOURS OF ATTENDANCE.

District	Day and Hours of Attendance		
GORSEINON, 37, Alexandra Rd. Tel. No. Gorseinon 2206.	Monday	9.30 a.m.	- 1.00 p.m.
	Wednesday	9.30 a.m.	- 12.30 p.m.
	Thursday	2.00 p.m.	- 5.00 p.m.
	Friday	9.30.a.m.	- 12.30 p.m.
SWANSEA, 149, St. Helen's Road.	Monday	2.30 p.m.	- 4.30 p.m.
	Tuesday	10.00 a.m.	- 12 noon.
	Thursday	10.00 a.m.	- 12 noon.
	Friday	2.00 p.m.	- 4.30 p.m.

INFECTIOUS DISEASES

No case of diphtheria has occurred in this area for the past 22 years. The last cases occurred in 1946.

This has been due to immunisation.

SCARLET FEVER: 5 cases of Scarlet Fever were notified to my department during the year as compared with 6 cases in 1967.

PNEUMONIA AND INFLUENZAL PNEUMONIA: No case of Pneumonia was notified during the year.

ERYSIPELAS: No case was notified during the year.

POLIOMYELITIS: There was no case of Poliomyelitis during the year. Mass immunisation against poliomyelitis is being done. The driving force behind this is the public health department of Glamorgan County Council. It is hoped eventually to combat this disease.

LUNG CANCER: The number of deaths due to lung cancer during the year 1968 were 19 compared to 12 in 1967 and 10 in 1966.

These figures can be compared to the deaths from respiratory tuberculosis for the same period which was 4 in 1968 and 2 in 1967 and 3 in 1966. Cancer of the lung is becoming a greater public health problem than tuberculosis of the lung.

In the figures given for 1968, 18 males and one female died from cancer of the lung; in 1967, 11 males and 1 female; in 1966, 10 males and 1 female and in 1965, 9 males and 1 female. Deaths due to tuberculosis for the same period were 1968, 2 males and 1 female; 1967, 1 male and 1 female; 1966, 2 males and 1 female.

SMOKING AND DISEASE.

In 1966, the deaths due to cancer of the lung were 10, in 1967, 11, all of which were males. In 1968, there were 19, and it will be noted that there is one female amongst them.

In the past - and probably in the present - males tend to be heavier smokers than females, but the females are quickly catching up and this will be reflected in increased death rate due to cancer of the lung.

Tobacco is a drug addiction and deaths from cancer of the lung would be drastically reduced if there was a great decline in the number of persons who smoke. Most of the deaths from cancer of the lung are unnecessary ones. Smoking is one of the causes of bronchitis, coronary, heart disease, etc.

A firm effort should be made to bring to the notice of the public - and especially to the young - the dangers of smoking. Anybody who introduces a person to tobacco takes upon himself a very grave responsibility.

PUERPERAL PYREXIA: Eight cases of Puerperal Pyrexia were notified. This gives a rate of 19.0 per thousand total (live and still) births, 9 cases were notified in 1967 giving a rate of 27.59 per thousand births (live and still).

DYSENTERY: One case of Dysentery was notified during the year under review.

TUBERCULOSIS: There were 3 cases of pulmonary tuberculosis notified during 1968 as compared with 9 pulmonary and 2 non-pulmonary cases for the year 1967. Two deaths were registered.

FOOD POISONING: No case of food poisoning was notified during the year.

VENEREAL DISEASES: The nearest clinics for this area are held at Swansea and Port Talbot, and the sessions are held as follows:-

SWANSEA CLINIC (situate at Mount Pleasant Hospital).
Telephone No: Swansea 55882.

MALES:	Monday:	9 - 12 noon.
	Tuesday:	2 - 4 p.m.
	Wednesday:	5 - 7 p.m.
FEMALES:	Tuesday:	9 - 12 noon.
	Thursday:	3 - 5 p.m.

PORT TALBOT CLINIC (situate on the right hand side of the road immediately opposite the exit from Railway Station).
Telephone No: Port Talbot 2900.

MALES:	Monday:	5 - 7 p.m.
	Thursday:	10.a.m. - 12.30.p.m.
FEMALES:	Monday:	2.30.p.m. - 4.0. p.m.
	Wednesday:	10.0 a.m. - 12.30 p.m.

The number of deaths from Infectious Diseases for three Quarters in 1968, are as follows:-

	Llwchwr.	England and Wales.
Smallpox	0.	0.
Whooping Cough	0.	13.
Diphtheria	0.	1.
Acute Poliomyelitis	0.	0.
Typhoid and Paratyphoid	0.	3.
Measles	0.	44.
Scarlet Fever	0.	0.
Tuberculosis of Respiratory System	4.	1,152.
Tuberculosis of Meninges & C.N.S.	0.	31.
Tuberculosis, other forms.	2.	392.
Pneumonia	6.	31,765.
Influenza	2.	4,446.
Meningoccal Infections	0.	80.

ANALYSIS OF NOTIFIABLE DISEASES (other than Tuberculosis) for 1967.

DISEASES	NUMBER OF CASES									Total No. of cases admitted to Isolation Hospital	Total Deaths
	Total at all Ages.	AGE PERIODS									
		Under 1 Year	1 to 2	3 to 4	5 to 9	10 to 14	15 to 24	25 over	Age un-known		
Small Pox	-	-	-	-	-	-	-	-	-	-	-
Scarlet Fever	5	-	-	-	4	-	-	1	-	-	-
Diphtheria	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever	-	-	-	-	-	-	-	-	-	-	-
Puerperal Pyrexia	8	-	-	-	-	-	6	2	-	8	-
Pneumonia	-	-	-	-	-	-	-	-	-	-	-
Erysipelas	-	-	-	-	-	-	-	-	-	-	-
Whooping Cough	5	1	-	1	3	-	-	-	-	-	-
Measles	46	-	12	6	26	2	-	-	-	-	-
Ophthalmia Neontorum	-	-	-	-	-	-	-	-	-	-	-
Poliomyelitis	-	-	-	-	-	-	-	-	-	-	-
Dysentery	-	-	-	-	-	-	-	-	-	-	-
Meningococcal Infection	-	-	-	-	-	-	-	-	-	-	-
Food Poisoning	-	-	-	-	-	-	-	-	-	-	-
Pemphigus Neonatorum	2	2	-	-	-	-	-	-	-	2	-

TUBERCULOSIS

NEW CASES AND MORTALITY DURING 1968.

Age Periods	NEW CASES				DEATHS			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F
0 -	-	-	-	-	-	-	-	-
1 -	-	-	-	-	-	-	-	-
5 -	-	-	-	-	-	-	-	-
15 -	-	-	-	-	-	-	-	-
25 -	-	-	-	-	-	-	-	-
35 -	1	-	-	-	-	-	-	-
45 -	1	1	-	-	1	-	-	-
55 -	-	-	-	-	-	-	-	-
65 and upwards	-	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-	-
TOTALS	2	1	-	-	1	-	-	-

TUBERCULOSIS CLINICS: The curative treatment of Tuberculosis is in the care of the Regional Hospital Board and patients suffering from this disease attend the Chest Clinic, Sketty Lane, Swansea.

HOSPITALS: The Gorseinon General and Maternity Hospital and Garngoch Hospital which are situated in this area are under the control of the Glantawe Regional Hospital Board.

AMBULANCE FACILITIES.

Since 5th July, 1948, the Glamorgan County Council have taken over the control of the ambulance services in the administrative county.

An ambulance Station established at Gorseinon controls the ambulances and cars stationed at Reynoldston, Gowerton, Pontardulais, Gwaun-cae-gurwen, Cwmllynfell, Ystalyfera, Pontardawe and Clydach.

LABORATORY FACILITIES: Pathological and bacteriological specimens are submitted to the Cardiff and County Laboratory and also to the Cockett Laboratory, Swansea.

SALE OF WELFARE FOODS.

Various brands of baby food are sold at the Infant Welfare Centres in the area. These clinics are held fortnightly.

Mondays	from 2. 0.p.m.	to	4.30.p.m.
Tuesdays	from 2. 0.p.m.	to	4.30.p.m.
Wednesdays	from 9.30.a.m.	to	12 noon,
Thursdays	from 2. 0 p.m.	to	4.30 p.m.
Fridays	from 2. 0 p.m.	to	4.30 p.m.

PUBLIC HEALTH ACT, 1936, SECTION 172: No action was taken under this section during the year.

PUBLIC HEALTH (PREVENTION OF TUBERCULOSIS) REGULATIONS, 1925. No action was taken under this regulation during the year relating to tubercular employees in the milk trade.

NATIONAL ASSISTANCE ACT, 1948 - SECTION 47. My Department continues to keep a constant eye on the type of cases which could, if allowed to develop, require action. No legal action was taken.

SEWERAGE

Through the kindness of the Council's Engineer, I am able to give below, particulars of work done by his department during the year in connection with sewerage.

During 1968, work has been confined to the Main Drainage Scheme, progress is as follows:-

Sewers	65% complete.
Disposal Works	65% complete.
Rhosog Pumping Station	80% complete.
Pontardulais Pumping Station	50% complete.
Pumping Mains	30% complete.

CARE OF THE AGED.

We are an ageing population. The way we treat our senior citizens is the way that we will be treated when we become old.

Both from a conscience and self interest point of view, we have a vested interest in safeguarding the aged.

Meals on Wheels provide a service which is of value.

HEALTH CENTRE.

A Health Centre is being erected at Gorseinon by Glamorgan County Council and will be an asset to the area.

EARLY DETECTION OF CERVICAL CANCER.

The West Glamorgan Health Division runs a cervical cytology clinic at Gorseinon on a Monday afternoon of each week.

This clinic is well attended and very much appreciated in the area.

PUBLIC CONVENIENCES.

There are provided within the area six public conveniences situated at Pontardulais, Grovesend, Loughor, Gorseinon, Kingsbridge and Gowerton. With the exception of Kingsbridge, which is an urinal, each convenience has facilities for both sexes.

The Urban area is no exception to the national problem of vandalism, and in common with other local government officers responsible for the management of public conveniences, damage caused to these structures are a constant source of concern. In 1966, the Authority found it necessary to close - due mainly to this very problem - seven out of their ten public conveniences within the area and to re-appraise the whole position. The result of this was that a new unit was provided at Pontardulais, two were demolished, two were adapted to serve the public using parks and a substantial amount of money was spent on the remaining three which were then re-opened in December 1967.

One full-time toilet attendant is employed to clean the toilets during night-time, this being found the most successful and economical method.

Due to their design and structure it is not possible to modernise the five old conveniences by the provision of wash-hand basins, incinerators, etc., but the desirability of these improvements cannot be overstressed.

The following table shows results of water samples taken by my department during the year 1968.

WATER ANALYSIS - BACTERIOLOGICAL REPORTS.

No.	Source	Bacteriological Repprt
1.	1, Heol Cae Coppyn, Loughor.	Satisfactory.
2.	35, Heol Cae Coppyn, Loughor.	Satisfactory.
3.	173, Borough Road, Loughor.	Satisfactory.
4.	105, Goppa Road, Pontardulais.	Unsatisfactory for drinking purposes.
5.	49, Glanyrafon Road, Pontardulais.	Satisfactory.
6.	105, Goppa Road, Pontardulais.	Unsatisfactory.
7.	99, Goppa Road, Pontardulais.	Satisfactory.
8.	103, Goppa Road, Pontardulais.	Satisfactory.
9.	97, Goppa Road, Pontardulais.	Satisfactory.
10.	105, Goppa Road, Pontardulais (outdoor tap)	Satisfactory.
11.	105, Goppa Road, Pontardulais (indoor tap)	Satisfactory.
12.	3, The Row, Grovesend.	Satisfactory.
13.	"Preswylfa", Coedsaeson Rd. Grovesend.	Satisfactory.
14.	Glamorgan County Council Public Library, West Street, Gorseinon.	Satisfactory.
15.	3, Heol Penscallen, Whitley Fawr, Loughor.	This is evidence of faecal pollution. No organisms of the typhoid or Salmonella groups grown.
16.	12, Alltiago Road, Pontardulais.	Satisfactory.
17.	120, Alexandra Road, Gorseinon.	Satisfactory.

FLUORIDATION.

Local Authorities are becoming increasingly aware of the importance of fluoridation for the prevention of dental caries.

It is very desirable that our water supplies should be fluoridated.

VARIOUS TYPES OF FOOD PREMISES IN THE AREA.

Type of Premises	Groves-end	Pont-ar-dulais	Pont-lliw	Pen-ller-gaer	Velin-dre	Llan-gyfel-ach	Gower-ton	Gors-einon	Lough-or
Butchers Shops	1	5	1	1	1	-	3	12	13
General Grocery Shops	9	23	5	6	1	3	8	27	11
Bakeries	-	1	-	-	-	-	-	1	1
Greengrocery Shops	-	7	-	-	-	-	1	6	1
Fish and Chip Shops	-	6	1	1	-	-	1	5	1
School Canteens	1	2	1	1	-	1	4	2	3
Wet Fish Shops	-	2	-	-	-	-	-	2	-
Cafes	-	4	-	-	-	-	-	5	2
Public Houses	-	7	2	1	-	1	4	4	6
Clubs	2	4	-	-	-	-	3	5	1
Confectionery Shops	-	6	-	-	-	-	1	16	1
Ice-Cream (M'facturing)	-	1	-	-	-	-	1	2	-

ICE-CREAM.

Ice-cream is a nutritious food. It is essential that it should be manufactured, stored and sold under hygienic conditions. There is a great danger if ice-cream is made from materials which contain pathogenic organisms. What is even more dangerous is the actual introduction of organisms by insanitary methods of handling.

The number of manufacturers, retailers and dealers registered to sell ice-cream in the area on 31st December, 1968, is as follows:-

Number of Producers	5.
Number of dealers retailing pre-wrapped ice-cream.	73.

During the year, 18 samples were procured by the Public Health Inspectors and submitted for bacteriological examination of these samples. Of these, 17 were satisfactory, the unsatisfactory sample was duly investigated.

MEAT INSPECTION.

There are four licensed slaughterhouses in this area, all of which comply with the new standard in layout and hygiene by the "Appointed Day", viz., 1st April, 1961.

197, West Street, Gorseinon.

Island Farm, Gowerton.

Alltiago Farm, Pontardulais.

Velindre Slaughterhouse.

The number of animals slaughtered and examined during the year under review numbered 13,847, being 1,007 less than in 1967.

It is gratifying to report that meat inspection still continues to be 100%, but this is only achieved by the public health inspectors having to work much overtime.

On the whole, the animals slaughtered continue to be of good quality.

As requested by the Ministry in Circular 17/55 (Wales), I give below, particulars relating to carcases and offal inspected and condemned during the year 1968:-

PRINCIPAL CAUSES OF CONDEMNATION OF CARCASES

PRINCIPAL CAUSES OF CONDEMNATION OF CARCASES AND OFFAL.

CATTLE.

156 Livers	136 Cirrhosis, fluke and parasites; 10 abscesses; 4 Bacterial Necrosis; 6 Hydatid Cysts;
33 Lungs	17 Cysts; 10 Pleurisy; 2 abscesses; 4 Pneumonia.
1 Skirt	1 Peritonitis.
2 Spleen	2 contamination.

SHEEP AND LAMBS:

1 Carcase	1 Emaciation and oedema.
1 Hindquarter	1 Melanosis.
1,220 Livers	690 flukes; 20 Cirrhosis, 389 Parasitic; 28 Peritonitis; 10 abscesses; 2 Cysts; 79 hydatid cysts; 2 Pathological change.
69 Plucks	57 Hydatid Cysts; 2 Parasitic; 8 abscesses; 2 Peritonitis and Pericarditis.
139 Lungs	94 Parasites; 8 Pleurisy; 6 Hydatid cysts; 31 Pneumonia.
2 Kidneys	2 Nephritis.

PIGS:

1 Carcase	Oedema.
12 Heads	8 T.B; 3 abscesses; 1 Septic Salivory glands.
39 Plucks	7 Cysts; 18 Pleurisy; 14 Peritonitis and Pericarditis.
9 Hearts	9 Pericarditis.
117 Lungs	86 Pneumonia; 3 Congestion; 24 Pleurisy; 2 Parasitic; 2 Cysts.
263 Livers	207 Milk spots; 9 Cysts; 44 Peritonitis; 3 Cirrhosis;
1 Kidney	1 Hydronephrosis.
Flanks	8 lbs. Bruising.
2 Legs	2 Abscesses.

CARCASES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART.

Description	Cattle Ex-cluding Cows	Cows	Calves	Sheep	Pigs
Number killed	722.	31	13	9853	3128
Number inspected	722	31	13	9853	3128
ALL DISEASES EXCEPT TUBERCULOSIS & CYSTICERCI.					
Whole carcases condemned	-	-	-	8	6
Carcases of which some part or organ was condemned.	175	15	-	1419	435
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	24.2%	49.16%	-	14.4%	13.9%
TUBERCULOSIS ONLY.					
Whole carcases condemned	-	-	-	-	-
Carcases of which some part or organ was condemned	-	-	-	-	8
Percentage of the number inspected affected with tuberculosis	-	-	-	-	-
CYSTICERCOSIS.					
Carcases of which some part or organ was condemned	-	-	-	-	-
Carcases submitted to treatment by refrigeration	-	-	-	-	-
Generalised & totally condemned	-	-	-	-	-

MONTHLY RECORD OF SLAUGHTERING AND NUMBER OF VISITS TO SLAUGHTERHOUSES.

Month	Cattle M.	Cattle F.	Calves	Sheep	Pigs	Visits
January	57	39	1	772	380	82
February	43	40	1	225	286	61
March	41	21	4	120	229	56
April	37	22	2	432	280	64
May	26	25	2	738	237	73
June	17	22	-	794	169	64
July	17	34	-	1,116	205	80
August	16	33	-	1,048	175	67
September	16	46	1	1,114	260	62
October	33	40	-	1,382	286	81
November	30	41	2	1,205	261	70
December	31	26	-	907	360	64
	364	389	13	9,853	3,128	824

DISPOSAL OF CONDEMNED FOODS:

All condemned foods are stained with green liquid acid before disposal.

Blown goods are dealt with on the Council's refuse tips.

SLAUGHTER OF ANIMALS ACTS, 1933 - 1954.

Twenty-two slaughtermen's licences were granted under the Slaughter of Animals Acts, 1933 - 1954, during the year under review, viz.-

Kingsbridge	Slaughterhouse	4
Gowerton	"	6
Pontardulais	"	8
Felindre	"	4
		22

UNSOUND FOOD - 1968.

Tinned fish	- 14	Curry	- 1
Tinned peas	- 20	Cooked Ham	- 22¼ lbs.
Baked beans	- 12	Corned beef	- 12 lbs.
Tinned Tomatoes	- 5	Tinned soup	- 3
Tinned Meat	- 33	Tinned cream	- 2
Rice	- 2	Tinned potatoes	- 3
Tinned fruit	- 8	Tinned mushrooms	- 2
Cheese	- 5 lbs.	Skim Milk Powder	- 28 lbs.

FOOD AND DRUGS. Through the kindness of Dr. W.E. Thomas, County Medical Officer of Health, I am able to give the following particulars of samples taken and submitted to the Public Analyst:-

Almonds (ground)	1	Meat paste	1
Aspirins/Pain Relief Tab.	8	Meat products	18
Baby Food	2	Milk	42
Bicarbonate of Soda	1	Mustard	1
Butter	7	Peel (mixed)	1
Cake Sponge Pastry Mix	5	Pudding (canned)	1
Cheese	1	Rice Pudding	2
Cheese spread	1	Sauces	4
Cod liver oil	2	Semolina	1
Coffee & Chicory	1	Soft drinks	9
Colouring	6	Soft Drinks Powder	1
Condensed Milk	2	Soup (canned)	2
Cream	3	Spices	3
Dessert Powder	2	Sugar	1
Evaporated Milk	1	Sweets	6
Fish	6	Table Jelly	1
Fish paste	1	Tapioca	1
Flavouring	3	Tea	2
Flour	2	Vegetables (canned)	2
Fruit (Canned)	2	Vegetables (dried)	1
Fruit (Dried)	3	Vinegar	2
Fruit Juice	4	Vitamin Tabs.etc.	6
Gelatine & Sacharin Tabs.	1	Yeast	1
Glycerine & Lemon	1	Calamine Lotion	1
Ice-cream	8	Liquid Paraffin	1
Jam	2	Noodles	1
Macaroni Pudding	1	Savoury Snacks	1
Margarine	1	Skimmed Milk	1

HOUSING.

Bryngwastad Farm Site at Frampton Road, Gorseinon, was developed during the year 1967. This site comprised of 40 two-bedroomed flats and is now known as Bryngoleu.

In the development stage, is the new development off Culfor Road, Loughor, which will provide a further 64 housing units made up of 24 three bedroomed houses and 40 two-bedroomed flats. It is anticipated that dwellings on this site will become available for letting in the early months of 1969.

It is interesting to note that by far the majority of applicants now on the Housing Register can be satisfied by rehousing in two bedroomed flats and in the light of this fact in future development the Authority will concentrate in developing this type of housing unit.

CARAVAN SITES.

There are only two licensed caravan sites within the area, the larger situated on land adjacent to Brynlliw Colliery, Grovesend.

Facilities provided on the two sites are satisfactory and are in accordance with the standards required under the Caravan Site and Control of Development Act, 1960.

The incidence of illegal siting of caravans within the area during 1968 was greatly reduced and it is pleasing to report that there is no real problem in this particular field.

KEY WORKERS AND ESSENTIAL WORKERS.

The Authority feel justifiably proud of their record in granting housing accommodation to incoming keyworkers employed in the various industries within the area.

Enquiries by industrialists for sites within the urban area are naturally welcomed and the Council are always prepared to discuss the problems involved including that of housing the necessary key and essential workers.

NUMBER OF COUNCIL DWELLINGS OCCUPIED AT 31ST DECEMBER 1968.

Site	Constructed 1920-29	Constructed Since 1947	Total
Pontardulais	159	186	345
Gorseinon	258	140	398
Penyrheol	-	238	238
Brynteg	-	114	114
Loughor	112	122	234
Gowerton	108	106	214
Penllergaer	54	330	384
Pontlliw	19	-	19
Grovesend	38	8	46
Llangyfelach	-	46	46
	748	1,290	2,038

SLUM CLEARANCE.

Although by far the major part of the dwellings within the area are old, there is no major slum clearance problem.

More houses are being purchased by sitting tenants who avail themselves of the grants available for providing amenities within their homes.

Now that the Authority have been successful in securing a full compliment of Public Health Inspectors within the department, priority will be given to a fully comprehensive survey of all dwellings within the area. It is planned that this survey will commence in the early part of 1969.

Form P. (13) (Hsg).

HOUSES IN CLEARANCE AREAS AND UNFIT HOUSES ELSEWHERE FOR THE YEAR ENDING 31ST DECEMBER, 1968.

A. HOUSES DEMOLISHED.

	Houses Demolished		Displaced during the year.	
	Unfit	Others	Persons	Families.
IN CLEARANCE AREAS:-				
(1) Houses unfit for human habitation.	Nil	Nil	Nil	Nil
(2) Houses included by reason of bad arrangement, etc.	Nil	Nil	Nil	Nil
(3) Houses on land acquired under Section 43(2) Housing Act, 1957.	Nil	Nil	Nil	Nil
NOT IN CLEARANCE AREAS:-				
(4) As a result of formal procedure under Section 16 & 17 Housing Act, 1957.	5		4	1

B. UNFIT HOUSES CLOSED.

	Houses Demolished		Displaced during the year.	
	Unfit	Others	Persons	Families
(5) Under Sections 16(4), 17(1), 17(3); 26; 35(1), Housing Act 1957, and Section 26 Housing Act 1961.	5		27	8

C. UNFIT HOUSES MADE FIT AND HOUSES IN WHICH DEFECTS WERE REMEDIED.

	By Owner	By Local Authority.
(8) After informal action by local authority.	15	Nil
(9) After formal notice under (a) Public Health Acts (b) Housing Act, 1957.	 3 Nil	 Nil Nil

D. UNFIT HOUSES IN TEMPORARY USE (HOUSING ACT 1957).

	Number of Houses	Number of separate dwellings contained in column (1)
(10) Retained for temporary accommodation:		
(a) under Section 48	Nil	Nil
(b) under Section 17(2)	7	7
(c) under Section 46	Nil	Nil
(11) Licensed for temporary occupation under Section 34 or 53.	Nil	Nil

E. PURCHASES OF HOUSES BY AGREEMENT.

	Number of Houses	Number of occupants dwellings contained in column (1)
(12) Houses in Clearance Areas other than in confirmed Orders or compulsory Purchase Orders.	Nil	Nil

REMOVAL OF REFUSE.

Refuse collection has been carried out in this area by direct labour since 1950. Originally, the complement of men comprised three drivers and six loaders with three refuse vehicles and a cesspool emptier. Since then it has been necessary to increase the complement of men and vehicles to meet the increased number of houses and factories built in the area which now stands at:-

3 Drivers.
4 Loader Drivers.
8 Loaders.
6 Refuse Vehicles (one as a spare).
1 Cesspool Emptier.

A twice weekly collection of household refuse is made for the greater part of the area, but where new housing sites have been erected, a policy of once weekly collection has been introduced.

A weekly collection is made in the outlying districts.

There are, at present, about 60 houses with pail conveniences; these are emptied once weekly.

Cesspools continue to increase in areas where there are no sewers, and on an average, approximately 24 cesspools a week are emptied.

The approximate quantity of refuse collected during 1968 was as follows:-

House refuse	11,200 tons.
Nightsoil & Cesspools	1,350 tons.
Road sweepings	950 tons.

The nett expenditure amounted to £29,300.

RODENT CONTROL.

As mentioned in previous reports, the Council's rodent control establishment consists of one full-time rodent operator who works under the supervision of the public health inspectors.

As required, Form 1.R.31/66 was completed and returned to the Ministry for the twelve months ending 31st December, 1968. This return shews the number of premises visited and treated, copy of which is as follows:-

MINISTRY OF AGRICULTURE, FISHERIES AND FOOD

ANNUAL REPORT ON RATS AND MICE

PREVENTION OF DAMAGE BY PESTS ACT, 1949

YEAR ENDED 31st DECEMBER, 1968.

	TYPE OF PROPERTY	
	Non Agricultural	Agricultural
PROPERTIES OTHER THAN SEWERS.		
1. Number of properties in district.	10,041.	153.
2. (a) Total number of properties (including nearby premises) inspected following notification.	739.	1.
(b) Number infested by:		
(i) Rats.	722.	1.
(ii) Mice.	17.	-
3. (a) Total number of properties inspected for rates and/or mice for reasons other than notification.	273.	-
(b) Number infested by:		
(i) Rats.	270.	-
(ii) Mice.	3.	-
SEWERS.		
4. Were any sewers infested with rats during the year?	Yes.	

In addition to the above, the usual two sewer maintenance treatments were carried out by the rodent operator with the help of casual labour employed for the purpose. The appropriate Forms were completed and forwarded to the Divisional Rodent Officer, Cardiff.

There still continues to be a close liaison between the Divisional Rodent Officer and my staff.

GLAMORGAN EDUCATION AUTHORITY

WEST GLAMORGAN DIVISION.

Number of Pupils on roll in the Llwchwr Schools on 31st December, 1968.

Situation of School.	Number on Roll.
Casllwchwr Primary	138
Tre-Uchaf Secondary	400
Tre-Uchaf Primary	223
Gorseinon Nursery, F/T	22
P/T	26
Gorseinon Junior	188
Gorseinon Infants	246
Penyrheol Primary	167
Penllergaer Primary	223
Pontybrenin Primary	164
Pontybrenin Welsh	96
Pengelli Primary	115
Llangyfelach Primary	127
Pontlliw Primary	69
Pontarddulais Primary	405
Pontarddulais Welsh	124
Pontarddulais Secondary	314
Tre-gwyr Infants	182
Tre-gwyr Junior	187
Gowerton Boys Grammar	628
Gowerton Girls Grammar	519

FACTORIES ACT, 1961.

As required by Section 153 of the Factories Act, 1961, I give below particulars with respect to matters under Part 1 and Part 8 of the Act as administered by this Council:-

(1) Factories in which Sections 1, 2, 3, 4 & 6 are to be enforced by Local Authorities.

Number on Register	112.
Inspections - ditto	56.
Number of Notices served	3.
Prosecutions	-

(2) Factories not included in (1) where Section 7 is enforced by the local Authority.

Number on Register	112.
Inspections - ditto	56.
Number of Notices served	6.
Prosecutions	-

(3) Cases in which defects were found.

	No. of cases	Remedied	Prosecution
Want of Cleanliness	1	1	-
Overcrowding	-	-	-
Unreasonable Temperature	2	2	-
Inadequate Ventilation	-	-	-
Ineffective drainage of floors	-	-	-
Sanitary conveniences:			
(a) Insufficient	2	2	-
(b) Unsuitable or defective	4	4	-
(c) Not separate for sexes	-	-	-
Other offences against the Act (not including offences relating to Outwork).	-	-	-
Totals.	9	9	Nil

(4) Outworkers (Sections 110 and 111) None.

THE OFFICES, SHOPS AND RAILWAY PREMISES ACT 1963

ANNUAL REPORT UNDER SECTION 60, TO THE MINISTER OF LABOUR FOR THE YEAR ENDED 31ST DECEMBER, 1968.

TABLE 'A' - REGISTRATIONS AND GENERAL INSPECTIONS.

Class of Premises.	No. of premises newly registered during the year.	Total No. of regd. premises at end of year	No. of regd. premises receiving one or more general inspections during the year.
Offices	3	30	9
Retail Shops	4	99	58
Wholesale shops, warehouses.	1	3	2
Catering establishments open to the public, canteens.	-	15	3
Fuel storage depots	-	-	-
Totals.	8	147	72

TABLE 'B'.

Number of visits of all kinds (including general inspections to registered premises. 82

TABLE 'C' - ANALYSIS BY WORKPLACE OF PERSONS EMPLOYED IN REGISTERED PREMISES AT END OF YEAR.

Class of Workplace.	No. of persons employed
Offices	307
Retail shops	255
Wholesale departments, warehouses	25
Catering establishments open to public	55
Canteens	-
Fuel storage depots	-
	642.
Total Males	283
Total Females	359